AMENDMENT UNDER 37 C.F.R. § 1.111 Attorney Docket No.: Q86875

Application No.: 10/530,180

**AMENDMENTS TO THE SPECIFICATION** 

Please replace the second full paragraph on page 1 of the specification with the

following amended paragraph:

In recent years, in a vehicle driven by a motor such as an electric car, an in-wheel motor

system which incorporates a motor composed of a knuckle as a frame dress-up part and a drive

motor in wheels is being has been employed due to its high space efficiency and drive force

transmission efficiency (for example, Patent No. 2676025, JP-A 9-506236 and JP-A 10-305735)

(the term "JP-A" as used herein means an "unexamined published Japanese patent application").

Please replace the paragraph bridging pages 1 and 2 of the specification with the

following amended paragraph:

However, since the motor is fixed to a knuckle which is a frame dress-up part of the

vehicle in the above in-wheel motor system of the prior art, when an in-wheel motor is used in

the steering wheel, the motor turns in a steering direction together with the wheel at the time of

steering. That is, as the inertia moment on the steering axis of the steering wheel provided with

the in-wheel motor increases due to the mass of the motor, not only does the steering torque

becomes large but also the resonance in the steering direction easily occurs.

Please replace the first full paragraph on page 2 of the specification with the

following amended paragraph:

In a vehicle having a suspension mechanism such as a spring around its legs, it is known

that as the mass of unsprung parts such as a wheel, knuckle and suspension arm so called

"unsprung mass" increases, variations in the ground contact force of a tire become larger and the

road holding properties become worse when the vehicle runs on a rough road. In the in-wheel

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motor of the prior art, as the motor is fixed to the knuckle as described above, the above unsprung mass increases by the mass of the motor with the result that variations in the ground contact force of the tire become larger and the road holding properties become worse.